AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An automated method of dynamically selecting a level of compression to be applied to data to be transmitted, the method comprising:
   receiving a data request at a server configured to serve data;
   identifying a bandwidth associated with a communication link coupling the server to a requestor that originated the data request;
   determining an amount of data requested in the data request;
   determining how busy the server is;
   determining whether the requested data is cacheable at a location between the server and a client;
   dynamically selecting a level of compression to apply to the set of data based at least on the determined bandwidth and whether the data is cacheable at a location between the server and the client; and
   compressing the requested data using the selected level of compression.

2 (Canceled).

3. (Previously presented) The automated method of claim 1, wherein said identifying comprises transferring a known quantity of data between the server and the requestor.

1   4. (Previously presented) The automated method of claim 1, wherein said

2   identifying comprises retrieving the bandwidth from a database.

1   5. (Previously presented) The automated method of claim 1, wherein said

2   dynamically selecting comprises identifying a level of compression suitable for

3   the bandwidth.

1   6. (Currently amended) A computer readable medium storing instructions

2   that, when executed by a computer, cause the computer to perform a method of

3   dynamically selecting a level of compression to be applied to data to be

4   transmitted, wherein the computer readable medium includes volatile random

5   access memory (RAM), non-volatile read only memory (ROM), and disks, the

6   method comprising:

7   receiving a data request at a server configured to serve data;

8   identifying a bandwidth associated with a communication link coupling

9   the server to a requestor that originated the data request;

10   determining an amount of data requested in the data request;

11   determining how busy the server is;

12   determining whether the requested data is cacheable at a location between

13   the server and a client;

14   dynamically selecting a level of compression to apply to the set of data

15   based at least on the determined bandwidth and whether the data is cacheable at a

16   location between the server and the client; and

17   compressing the requested data using the selected level of compression.

1   7. (Currently amended) A computer-implemented method of dynamically

2   selecting a level of compression to apply to a set of data, the computer-

3   implemented method comprising:

4   receiving from a client a request for a set of data;

5   determining a bandwidth available on a communication link used by the

6   client;

7   determining whether the requested data is cacheable at a location between

8   the server and a client;

9   based on the determined bandwidth and whether the data is cacheable at a

10   location between the server and the client, dynamically selecting a level of

11   compression to apply to the set of data; and

12   compressing the set of data using the selected level of compression prior to

13   transmitting the set of data toward the client.

1   8. (Previously presented) The computer-implemented method of claim 7,

2   wherein the dynamically selected level of compression is inversely proportional to

3   the determined bandwidth.

1   9. (Previously presented) The computer-implemented method of claim 7,

2   further comprising:

3   determining whether the set of data is cacheable;

4   wherein a higher level of compression is dynamically selected if the set of

5   data is cacheable than if the set of data is not cacheable.

1   10. (Previously presented) The computer-implemented method of claim 9,

2   wherein said determining comprises:

3   transferring to the client a data object having a known size; and

4   measuring an amount of time required for the transfer.

1   11. (Previously presented) The computer-implemented method of claim 9,

2   wherein said determining comprises:

3   using an identity of the client, retrieving from a data collection a

4   bandwidth associated with the identity.

1   12. (Currently amended) A computer readable medium storing instructions

2   that, when executed by a computer, cause the computer to perform a method of

3   dynamically selecting a level of compression to apply to a set of data, wherein the

4   computer readable medium includes volatile random access memory (RAM), non-

5   volatile read only memory (ROM), and disks, the method comprising:

6   receiving from a client a request for a set of data;

7   determining a bandwidth available on a communication link used by the

8   client;

9   determining whether the requested data is cacheable at a locaton between

10   the server and a client;

11   based on the determined bandwidth and whether the data is cacheable at a

12   locaton between the server and a client, dynamically selecting a level of

13   compression to apply to the set of data; and

14   compressing the set of data using the selected level of compression prior to

15   transmitting the set of data toward the client.

1   13. (Currently amended) An apparatus for dynamically selecting a level of

2   compression to be applied to data to be transmitted from the apparatus,

3   comprising:

4   a compression module configured to compress, with a specified level of

5   compression, a set of data to be transmitted to a data requestor; and

6   a dynamic compression selection module configured to dynamically select

7   said level of compression based on a bandwidth associated with a communication

8   link employed by the data requestor and based on whether the data is cacheable at

9   a locationbetween the server and a client.

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1   14. (Original) The apparatus of claim 13, further comprising:

2   a bandwidth determination module configured to determine the bandwidth

3 of a communication link used by the data requestor.

1   15. (Original) The apparatus of claim 14, wherein said bandwidth

2 determination module is configured to calculate the bandwidth by transferring a

3 known quantity of data between the data requestor and the apparatus.

1   16. (Original) The apparatus of claim 14, wherein said bandwidth

2 determination module is configured to retrieve the bandwidth from a database

3 configured to identify bandwidths associated with data requestors' communication

4 links.

1   17. (Previously presented) The apparatus of claim 13, wherein the

2 apparatus is configured to determine a size of the set of data.

1   18. (Previously presented) The apparatus of claim 13, wherein the

2 apparatus is configured to determine whether the set of data is cacheable.